

DSD-5028

28" Industrial Stretched Signage Display

NEW



Features

- 28" (16:3) high resolution stretched display (1920 x 358) with LED backlight
- High brightness of 700 nits
- Ultra wide viewing angle (176°/176°)
- 0 ~ 45° C operating temperature
- Dual signal interface with VGA & DVI, support HDMI-to-DVI converter cable
- Audio phone jack output
- Support VESA-DDC 2B plug & play function
- Wall mounting support 200 x 100 mm
- Fanless design

Introduction

The Advantech DSD-5028 series Industrial Stretched Signage Display Monitor offers innovative size/shape and display resolution. The stretched monitor is ideal for public information display. Its ultra wide aspect ratio is perfect for grabbing attention, and the high resolution display gives perfect visual performance in a wide variety of applications, including public transport display, advertisements, bars, casinos, and elevators—just about anywhere digital signage is required. Industrial grade components throughout ensure the highest standards of reliability.

Specifications

Display	Model	DSD-5028N-70A1E
	Size	28" Stretched LED panel
	Resolution	1920 x 358
	Viewing Angle	178° (H)/178° (V)
	Brightness	700 (cd/m²)
	Color Support	16.7M colors
	Contrast Ratio	3000:1
	Response Time	6.5 (gray-to-gray) [msec]
Environment	Backlight Life (hrs)	50,000 hrs
	Operating Temperature	0 ~ 45° C
	Storage Temperature	-10 ~ 60° C
	Humidity	80 %RH Max. (Ta ≤ 45° C), non-condensing
System	I/O	VGA x 1; DVI-D x 1; RS232 x 1 (reserved for remote control); Audio x 1; 24 V _{DC} Jack (input) x 1; 12 V _{DC} Jack (output) x 1
	OSD	Keys: Menu, Up, Down, Left, Right, Source, Monitor Power on/off Menu Functions: Brightness, Contrast, Screen Setting, Color Temp, VGA/DVI, Recall, Auto Adjust
	Power	120 W power adapter, with AC 100 ~ 240 V input and DC +24V @ 5 A output
Power Consumption	ON	40W (Typical); Max <45W
	Standby	3W (Typical); Max <5W
Mechanical	Net Weight	3 Kg
	Gross Weight	6.7 Kg
	Dimension	736.6 x 167.3 x 44.4 mm
	Packing	870 x 160 x 265 mm
	VESA Mounting	200 x 100 (mm)

*Recommend:

(1) Recommended resolution: 1920 x 358

(2) Operating System: Microsoft Windows 7/ Windows 8

Technical drawing of a mechanical assembly, showing three views: a top view, a front view, and a side view. The dimensions are in millimeters (mm).

Top View:

- Overall width: 816.6 ± 0.5
- Overall height: 166.3 ± 0.5
- Inner width: 699.6 ± 0.4
- Inner height: 130.7 ± 0.4
- Distance from top edge to centerline: 44.35 ± 0.75
- Distance from centerline to bottom edge: 21.5 ± 0.5

Front View:

- Overall width: 350.0 ± 0.2
- Overall height: 17.0 ± 0.2
- Distance from left edge to centerline: 90.0 ± 0.2
- Distance from centerline to right edge: 90.0 ± 0.2
- Distance from left edge to first hole: 310.0 ± 0.2
- Distance from first hole to centerline: 190.0 ± 0.2
- Distance from centerline to second hole: 190.0 ± 0.2
- Distance from second hole to right edge: 310.0 ± 0.2
- Distance from left edge to first hole: 152.30 ± 0.40
- Distance from first hole to centerline: 100.0 ± 0.2
- Distance from centerline to second hole: 100.0 ± 0.2
- Distance from second hole to right edge: 196.40 ± 0.40
- Distance from left edge to first hole: 146.80 ± 0.40
- Distance from first hole to centerline: 45.0 ± 0.2
- Distance from centerline to second hole: 45.0 ± 0.2
- Distance from second hole to right edge: 45.0 ± 0.2

Side View:

- Overall width: 42.00 ± 0.2
- Overall height: 16.5 ± 0.2
- Distance from left edge to centerline: 42.00 ± 0.2
- Distance from centerline to right edge: 16.5 ± 0.2

Description
DVI cable 2.0 meter
HDMI to DVI cable 1.5 meter
Adaptor AC100-240V 120W +24V/5A

Model Name	Description
DSD-5028N-70A1E	28" 1920 x 358 700cd/m ² Stretched Signage Display Monitor

Part Number	Description
1700001524	3-Pin Power Cord (USA)
170203183C	3-Pin Power Cord (EU)
1700008921	3-Pin Power Cord with PSE (Japan)
1700019430	VGA cable 15P(M) 1.8 meter
1700091800	Cable 9P/9P 1.8M M/F (RS232)

Part Number	Description
ARK-DS306	AMD G-Series Signage Media Player
ARK-DS520	Advanced (ION2 based) Graphics Signage Media Player